Archæological collections recently donated to this Society /

Edward C. Mitchell.

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BY REV. EDWARD CRAIG MITCHELL.

Mr. President and Members of the Minnesota Historical Society: I am asked to lead you in a rapid excursion through the archæological collections which recently I had the pleasure of presenting to this Society, and more especially to give you first some idea of such relics as were found in the State of Minnesota.

As we are assembled in the Old Capitol, because here we have the most convenient audience room for these meetings, while the collections are in this Society's Museum in the New Capitol, it may strike you as in the nature of an "Irish bull" for me to offer to lead you into and through a locality in which we shall not be present, but we may make an imaginary excursion.

THE MITCHELL AND BROWER COLLECTIONS.

The collections donated by me, which this Historical Society has kindly named "The Mitchell Collection," comprise about 21, 500 pieces, or relics, made of stone, bone, shell, horn, copper, pottery, and a very few of brass, lead, iron, glass, and wood. As I am still adding to the collection every few days, the number of pieces will increase, probably as long as I have charge of it as curator. The collection now rests in the fine museum room, 41 feet by 17 feet, in the southeast corner of the New Capitol, and on the "ground floor,"

occupying fourteen new and large plate-glass cases, provided for this purpose by the Society. Thirteen of these cases contain relics found in the United States, and one case contains relics from all over the world outside of the United States.

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This room also has four other cases, yet remaining empty, in which selected portions of the very extensive archæological collections of the late Hon. J. V. Brower, gathered for this Society partly from Minnesota and partly from all the area reaching west to the Rocky mountains and south to Kansas, are later to be displayed.

To show the general character of the Mitchell Collection, I will say that Case 1 contains relics from America, Europe, Asia, Africa, and Oceanica; Cases 2 and 3 are devoted to Wisconsin; Cases 4 and 5, to Minnesota; Case 6, to Illinois and Pennsylvania; Case 7, to Ohio; Case 8, to Oregon and California; Case 9, to Tennessee, Kentucky, and Alaska; Case 10, to Missouri, North Carolina, and South Carolina; Case 11, to Indiana, Colorado, North Dakota, and South Dakota; Case 12, to Arizona, New Mexico, New Jersey, Michigan, Iowa, and Washington; Case 13, to Arkansas, Oklahoma, Indian Territory, Georgia, New York, Nebraska, Montana, Idaho, and unplaced relics; Case 14, to Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, Maryland, Virginia, West Virginia, Florida, Alabama, Mississippi, Louisiana, Texas, and Kansas.

These relics I have collected, either by finding, or purchase, or exchange, or gift, from the year 1847 (when, as a little boy, I found a stone axe near my home in Philadelphia) up to the present time.

RELICS FROM MINNESOTA.

Case No. 4 stands in the southwest corner of the Museum. In it are relics from Minnesota, which I have found, or bought, one or more at a time, and from many parties, during many

years. This case is arranged by counties in their alphabetic order, beginning at the top, at the left hand. The relics are of stone, unless otherwise mentioned.

Aitkin county shows axes, hatchets, celts, chisels, hoes, spearheads, and arrowheads; Anoka county, a stone spade; Benton county, hoes, knives, spears, and arrows; Brown county, a copper spearhead; Crow Wing county, a slate celt, and five ceremonial stones; Cass county, a slate gorget or ornament; Dakota county, hoes, knives, arrows, spears, scrapers, and gorgets; Douglas county, celts, chisels, knives, arrows, and spears; Freeborn county a pivot 307 stone, hoes, knives, arrows, chisels, and scrapers; Fillmore county, spears, arrows, and knives. The foregoing are on the top shelf.

On the next lower shelf in this Case 4 are relics from Goodhue county, an axe, chisels, knives, arrows, spears, awls, scrapers, and a stone pipe; from Houston county, celts, axes, and a slate gorget; Kandiyohi county, knives, hoes, spears, arrows, awls, and scrapers; Le Sueur county, a stone spade, axes, hoes, celts, spears, arrows, a pestle, hammers, scrapers, and awls; and from Lac qui Parle county, hammers, and an iron arrowhead, of white man's make, brought by the traders.

On the third shelf are relics from Morrison county, celts, spears, arrows, knives, awls, hoes, a plummet, perforated ceremonial stones, a pestle, axes, a grooved hammer, and a lot of large and small pieces of white quartz, found in the vicinity of Little Falls, near the site of an ancient Indian village, being chips from an Indian workshop. These collections from Morrison county make a fine display.

From Murray county, on the same shelf, are arrowheads and a scraper; from Nicollet county, chisels, hoes, spears, arrows, scrapers, and awls; and from Otter Tail county, a fine copper spearhead, fine stone spears, arrows, awls, hoes, knives, hatchets, celts, hammers, a discoidal stone, and a sinker.

The fourth shelf has, from Olmsted county, spears, arrows, knives, scrapers, and an iron war-club (white man's work); from Ramsey county, a combined war-club and hammer,

arrows, a paint cup, a cupstone, mineral paint, a mortar pestle, a bone arrowhead; and from Rice county, spades, axes, celts, hoes, knives, arrows, awls, scrapers, and chisels.

The fifth shelf or bottom of this case comprises collections from seven counties, as follows: St. Louis county, celts, and an axe; Stearns county, spears, arrows, celts, and a scraper; Todd county, an axe, a spade, a pestle and celt, a stone pipe, a gorget, and grooved stones; Wabasha county, spears, knives, awls, and arrows; Wadena county, ceremonial stones; Washington county, a knife, an awl, and arrows; Winona county, fine ceremonial stones, a plummet, chisels, stone spades, celts, hoes, hammers, hatchets, knives, awls, scrapers, a copper awl, and fragments of ancient pottery,—a fine lot from this last named county.

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Case No. 5, at the middle of the west side of the Museum, contains the collection brought together by T. H. Lewis, of St. Paul, during the last twenty years or more, which was sold by him to me not long ago. The items in the case are all marked with numbers, corresponding to a list in a book, showing the location where every item was found. These relics, like those of Case 4, already described, were all found in Minnesota, though some of them (those made of shell especially) probably came originally from the Gulf States. The collection represents forty-two counties of Minnesota, namely, Aitkin, Anoka, Beltrami, Big Stone, Blue Earth, Brown, Carver, Cass, Chisago, Crow Wing, Dakota, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Isanti, Itasca, Kandiyohi, Kanabec, Lac qui Parle, Lincoln, Lyon, Marshall, Murray, Martin, Mille Lacs, Morrison, Nicollet, Otter Tail, Pine, Pipestone, Ramsey, Rock, Scott, Stevens, Traverse, Wabasha, Washington, Winona, and Wright.

Four hundred and sixty of these relics were found in Ramsey county, mostly in St. Paul and vicinity; and, as there are eight relics from Ramsey county in Case No. 4, this collection contains 468 relics from this county. These, together with those in the Society's

old collection, displayed in the adjoining corridor of the New Capitol, are about all of the relics that have been found in this county.

On the top shelf of this Case 5, you will find fifteen skulls, from aboriginal mounds in several counties, including Ramsey county. Some of the lady visitors have, at first, felt a slight repugnance to these suggestive relics of the past. But I have assured them that these relics are especially stylish, as undoubtedly they belong to the "first families of Minnesota."

Shelf 2 has red mineral paint, fifteen articles of pottery, such as bowls, pots, bottles, etc., a large bone weapon, stone awls, pipes, slate ornaments, rubbing-stones, stone chisels, gorgets, awls, arrowheads, a very fine large spearhead, and knives; also copper hoes, spears, arrows, awls, chisels, knives, fish-hooks, and a bark skinner.

Shelf 3 exhibits stone arrowheads, many of which are fine, chisels, grooved stones, sinkers, plummets (some of which are red hematite), ceremonial stones (very fine), discoidal stones, spears, and a very large stone pestle; several strings of shell wampum, 309 large and small, and of several kinds, with very many pieces on each string; shell ornaments, and a breast-plate engraved.

On the fourth shelf are stone hammers, celts, hatchets, hoes, spades, arrows, knives, discoidal stones, rubbing-stones, and many very fine spears.

On the fifth or bottom shelf are many stone axes, some very fine, some very large, and some peculiar; grooved hammers, one having a face engraved upon it; some very large hammers, celts, and the head of a war-club.

You have now a general idea of what relics are in the Minnesota part of this collection. But, on careful inspection, you would find a great variety in form, color, size, material, etc., even among relics classed under one name. For instance, among arrowheads there must be more than a hundred different shapes, and many sizes, colors, and kinds of stone.

In this entire collection nearly all the articles are prehistoric, no effort having been made to collect modern Indian goods. In Case No. 1, containing foreign relics, there are some pieces of very great historic age, from ancient Egypt, Rome, Greece, Herculaneum, etc.; and some are genuine palæoliths.

RELICS FROM OTHER STATES.

It will be an aid to visitors in the Museum that the articles there exhibited from each of the other states and from foreign countries be also somewhat fully enumerated. Eleven cases of the Mitchell Collection contain articles from other states of our Union, the one most largely represented being Wisconsin, which, like Minnesota, fills two cases. The articles from foreign countries fill one case, which, though placed first in the numerical order, will here be described last.

The relics from Wisconsin are in Cases 2 and 3, at the south end of the Museum.

Case 2, Wisconsin. On the bottom of this case are some fine large stone spades, hoes, pestles, mortars, knives, axes, hatchets, chisels, grooved stones, etc.; also a fine show of copper, as found in mines, or in the glacial drift on the surface, and other specimens as partly worked up for preservation.

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On the lowest and second shelves of this case are hundreds of fine prehistoric copper weapons, tools, implements, ornaments, etc., including spearheads, arrowheads, knives, chisels, celts, awls, needles, beads (spherical and tubular beads), fish-hooks, bracelets, "spuds" (bark-skinners), crescents, pendants, spades, axes, hatchets, and ornaments in great variety.

The lowest shelf has also stone axes, hatchets, spades, celts, chisels, hammers, ceremonial pendants, an adze, etc., including some axes of fine red hematite (iron ore);

also a lot of seven iron articles (made by white men, and traded with the Indians), including two spearheads, a club blade, and four axes.

The third shelf above the bottom has a lot of odd pieces, a bone hammer, sandstone pipes, a butterfly stone, ceremonial stones, stone scrapers, hatchets, etc.; two silver ear rings (white man's make); fragments of prehistoric pottery; stone knives, spearheads, arrowheads, awls, drills, scrapers, chisels, and hoes.

Case 3, Wisconsin (continued). On the bottom of the case are large rude stone hammers, from ancient copper mines; a fine large granite grooved hammer; sinkers, an adze, a lapstone; and an iron mortar, of white man's make, but used by Indians, and found in an Indian's grave.

The first shelf has very large flint implements, discs of various sizes, and discoidal stones; fine stone knives, spears, arrowheads, scrapers, hoes, celts, and pendants; from Columbia county, grooved sinkers, flint chips from ancient village sites, and fragments of pottery.

The second shelf from the bottom has a stone pipe, from Rock county; bone needles and awls, from Two Rivers, Manitowoc county; a stone pipe from Adams county; and ceremonial stones, spearheads, hoes, chisels, knives, scrapers, plummets, hammers, and awls, from Sauk county.

The third shelf has fine stone spears, arrowheads, knives, awls, and scrapers; from Marquette county, a grooved stone sinker, red hematite plummets, stone awls, hammers, chisels, spearheads, and arrowheads.

Cases 4 and 5 contain articles from Minnesota, as before described.

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Case 6. Illinois and Pennsylvania. On the bottom of this case are relics from Illinois, including stone axes, spades, hoes, knives, spearheads, arrowheads, pestles, mortars, and hammers.

The first shelf also has articles from Illinois, including a fine display of stone spearheads and knives; a fine cache of fourteen large flint knives; stone pipes, grooved plummets, cones, pendants, and ceremonial stones; two pottery vases, a pottery pipe, and fragments of pottery.

On the south half of the second shelf are other Illinois articles, a fine display of large stone spears, knives, arrows, awls, etc.; copper celts, a spear, and beads; pieces of bronze ornaments; an iron spearhead, of white man's make; shell beads, chips of flint, fragments of pottery.

The north half of this second shelf has relics from Pennsylvania, comprising a fine lot of paleoliths, very ancient, from Lancaster county; stone axes, hatchets, hoes, knives, spears, arrows, celts, hammers, spades, ceremonial stones, awls, etc.

Pennsylvania relics arranged on the third shelf comprise large stone pestles, stone axes, knives, arrows, grooved hammers, ceremonial stones, pendants, and a tomahawk; shell beads, and a bone bead; glass beads, made by white men, traded to Indians and found in Indian graves; and an iron cannon ball, from a battle ground.

On the fourth shelf are, from York county, Pa., stone axes, spears, arrows, awls, hammers, scrapers, etc.; and a cache of 42 large stone knives.

Case 7, Ohio. At the bottom are stone pestles, hoes, knives, axes, hatchets, spears, arrows, scrapers, hammers, celts, spades; a buckhorn tool; and an iron axe.

On the first shelf is a remarkably fine cache of 192 thin, finely chipped, mottled flint spears and knives, found together in Fulton county, buried near a tree.

The second shelf has a fine lot of ceremonial stones, mostly of banded slate; tubes, birdstones, pendants, gorgets, and butterfly amulets; stone pipes of many kinds, some bearing images of human faces, or of beasts, etc.; stone spears, arrows, knives, scrapers, celts, chisels, etc.; shell breastplates and beads; copper axes, celts, and spears; a large chunk of copper, etc.

The third shelf has stone spears, knives, arrows, scrapers, awls, hoes, drills, and crooks. 312

The fourth shelf has a lot of partly worked flints, from an Indian site; stone hammers, spears, arrows, and scrapers.

Case 8, Oregon and California. The bottom of the case has relics from Oregon, including a very large and fine granite mortar and pestle; other mortars and pestles; a skinner, hammers, knives, sinkers, celts, and a moccasin last; a copper pendant, bracelets, a celt, and long tubular beads; shell beads; stone beads, some of chalcedony; and a pottery image.

On the first shelf are relics from California, including a fine and deep granite mortar; sixteen heavy stones, perforated for weights, to put on digging sticks; a petrified bone tube; stone spears and beads; fine obsidian arrows; a lot of shell sinkers; a lot of bone knives, whistles, flutes, awls, needles, etc.; and a lot of shell digging tools.

The second shelf, comprising articles from Oregon, has a collection of more than two thousand "Oregon gem points," that is, very little arrow points for shooting small birds, and made of agate, chalcedony, jade, carnelian, obsidian, flint, etc. This is a rare collection. On the same shelf are also from Oregon a very fine lot of obsidian spears, knives, and arrows; stone arrows and awls; a lot of odd arrows, knives, and awls.

The third shelf has articles from California, including a rare lot of obsidian artifacts, black, gray, red, and banded; a very large obsidian spade; a very large obsidian knife, with other

obsidian knives, spears, arrows, etc.; sandstone images of animals; two remarkable red jasper knives, in their original wooden handles, found in a sandhill, and protected from dampness, so that the handles did not decay; stone pendants and tubes; a skinning tool, with its original soapstone handle; a crystal duck's head pendant; a jade mask; a petrified bone tube; stone needles and beads; shell beads (wampum), and shell rattles; a fine wooden spoon; fine stone arrows; and glass beads, of white man's work.

Case 9. Tennessee, Kentucky, and Alaska. On the bottom of this case are relics from Tennessee, comprising a lot of fine pottery bowls and vases, a discoidal stone, stone spears, arrows, hoes, scrapers, axes, hatchets, spades, hammers, celts, fragments of pottery, ornaments, etc.

The articles on the first shelf, also from Tennessee, are stone spears, knives, arrows, scrapers, awls, hoes, chisels, etc.

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Tennessee relics continue on the second shelf, which has a fine lot of stone spears, knives, arrows, scrapers, pestles, a discoidal stone, a pitted ball, ceremonial stones, a stone pipe, etc., and a dagger; an elkhorn spade; copper pendants, spears, arrows, knives, celts, and beads; very fine butterfly amulets; "crooks"; an image of a man; shell breastplates; long strings of shell beads (wampum), some small and some large; shell hairpins; a mask, ornaments, etc.; bone needles; and bear teeth ornaments.

The third shelf on its south half has relics from Kentucky, namely, stone spears, knives, arrows, pestles, scrapers; a hematite axe, with a spiral wooden handle; chisels, hammers, hoes, etc.

On the north half of this third shelf are relics from Alaska, a horn spoon, an ivory pipe, bone harpoons, spears, arrows, knives, ornaments, toys, images, etc.; stone celts, spears,

arrows and a skinning tool with the original bone handle; bone witch-charms; a wooden totem-pole; a halibut hook of wood and iron; a copper knife and spear.

On the fourth shelf are eighteen pieces of fine pottery, bowls, vases, bottles, etc., from Tennessee.

Case 10. Missouri, North Carolina, and South Carolina. At the bottom are relics from Missouri, stone axes, hammers, a ball, spades, hoes, chisels, spears, and knives; a pottery vase; and an elkhorn tool.

The first shelf has also Missouri articles, very ancient hatchets, discoidal stones, a large lot of fine stone spears, knives, arrows, hoes, a cone, etc.

Articles from North Carolina occupy the second shelf, including a stone image of an owl, ceremonial stones, pendants, spears, arrows, scrapers, axes, hammers, hoes, a celt, warclub heads, etc.

From South Carolina, on the third shelf, are ceremonial stones, stone spades, celts, spears, knives, arrows, scrapers, awls, etc.; and, on the fourth shelf, stone hammers, spears, arrows, scrapers, and awls.

Case 11. Indiana, Colorado, North Dakota, and South Dakota. On the bottom are, from Colorado, a basket of the cliff-dwellers, a stone mortar, hammer, axe, spade, and celt; from North Dakota, a fine stone hammer, a celt, a knife, spears, arrows, and an iron clubblade (white man's make); from South Dakota, stone hoes, 314 knives, spears, arrows, scrapers; and from Indiana, stone spears, axes, knives, hammers, awls, celts, etc.

The shelves of this case display articles from indiana, those on the first shelf being stone spades, hoes, spears, knives, arrows, etc.; on the second shelf, stone spades, pestles, spears, arrows, axes, hoes, scrapers, etc.; on the third shelf, stone spades, pestles,

spears, arrows, axes, hoes, pipes, scrapers, etc., and copper knives, spears, arrows, and awls; and on the fourth shelf are three caches of large flints.

Case 12. Arizona, New Mexico, New Jersey, Michigan, Iowa, and Washington. The bottom of this case has, from Arizona, a large stone metate, or grinding stone or mill, with its mano stone, to rub the grain. Here also are many articles from New Mexico, large stone idols, a rude stone head, and pivot stones; a small Indian blanket, in a loom; a large Navajo basket; a clay pipe, a carved horn spoon, and a fragment of pottery; long strings of shell wampum; a copper rattle; shell beads; stone beads; and two fine strings of turquoise beads (wampum), as used for ear-rings.

The first shelf has Michigan relics, a fine lot of stone axes, hatchets, mortars, spears, arrows, awls, scrapers, knives, pestles, ceremonial stones, bird-amulets, celts, hoes, a "turtle-back," etc.

The north part of the second shelf has also relics from Michigan, including a fine lot of copper spears, one of which, seventeen inches long, is thought to be the very best prehistoric copper spearhead extant; copper knives, and a very large copper spade; copper arrows; copper spuds, or bark-skinners, celts, axes, crescents, awls, beads, etc.; and stone gouges and celts.

This second shelf, on its middle part, has articles from New Jersey, stone axes, hatchets, pestles, arrows, spears, knives, etc. On its south part are, from the State of Washington, a fine lot of stone spears, arrows, knives, chisels, a cone, celts, awls, etc.; a fine lot of dark stone, very old, "Siwash" arrowheads; and bone awls, whistles, etc.

The larger part of the third shelf is occupied by relics from Arizona, a lot of fine pottery, bowls, vases, and bottles; a clay lamp; a stone mortar and pestle; some peculiar stone articles; a sharpening stone, and a digger stone; a fine pottery dipper, ornaments, etc.; fine stone axes; ceremonial stones; a large stone ring, in image of a snake; stone pipes; a fine chalcedony spear; Indian paint; 315 four bone bracelets; a fine string of shell wampum of

mixed colors; a fine string of red coral wampum, with a few black beads between, and a few white shell beads; stone beads.

On the north part of this third shelf are, from lowa, a small pottery vessel; stone axes, hoes, chisels, spears, arrows, awls, and scrapers; and two copper spears.

On the fourth shelf are two large pottery bowls, from Arizona mounds.

Case 13. Arkansas, Oklahoma, Indian Territory, Georgia, New York, Nebraska, Montana, Idaho, "the West," and unplaced relics. At the bottom of this case are a copper knife, found many years ago "on the Western Plains"; a large iron knife of hammered iron ore, found "on the Rocky Mountain trail" (a very remarkable relic); a double-headed quartz warclub, in handle; a stone spear, from the Indian Territory; a stone scraper, from Oklahoma; and, from unknown localities, a lot of stone axes, hammers, pestles, celts, hoes, knives. spears. etc.

The first shelf has, from Georgia, stone spears, discoidal stones, pestles, axes, spears, knives, ceremonial stones, etc., and a lot of pottery heads from vases, etc.; from Idaho, a stone spear, arrows, etc.; from Nebraska, also, a stone spear, arrows, etc.; from Montana, a stone pipe, spears, arrows, and awls.

From New York, this shelf has a pottery bowl, heads, etc.; a stone plate, pipes, discoidal stones, pestles, hoes, celts, axes, chisels, gouges, spears, arrows, scrapers, gambling flints, knives, and sinkers; a bone needle; a string of beads (wampum), and other wampum beads; a copper needle, bangles, etc.

The second shelf has many additional relics from Georgia, comprising a fine lot of stone spears, arrows, knives, pipes, axes, celts, hatchets, ceremonial stones, hoes, pendants, gorgets, a pestle, digging weights, bolas, cones, tubes, spatulas, stone cups, beads, a spindle whorl, etc.; pottery vases, bowls, pipes, and beads; copper celts, arrows, and

ornaments; bone awls and needles; shell wampum, hoes, ornaments, breastplates, eardrops, pearls, etc.

The third shelf has, from Arkansas, fine pottery vessels, of different forms, some with images of human beings or of beasts; an Indian drum; a basket of cliff-dwellers; stone axes, hoes, spears, arrows, scrapers, knives, and a spade; shell beads, and a shell mask; bone beads, awls, etc.; bear-teeth ornaments; a pottery rattle; bone awls, etc.

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On the fourth shelf also are articles from Arkansas, a lot of fine pottery vases, bottles, bowls, ollas, etc.; and a rush basket.

Case 14. The New England States, Maryland, Virginia, West Virginia, Florida, Alabama, Mississippi, Louisiana, Texas, and Kansas. The bottom of this case has, from Massachusetts, a very long stone pestle, chisels, spears, knives, arrows, scrapers, hoes, and axes; from Maine, very long stone pestles, axes, gouges, chisels, awls, celts, spears, sinkers, ornaments, and a pottery pipe.

The first shelf has, from New Hampshire, stone gouges, celts, axes, spears, arrows, scrapers, etc.; from Vermont, stone spears, scrapers, celts, and awls; from Rhode Island, a stone adze, a gouge, arrows, an awl, a scraper, a rubbing-stone, etc.; from Connecticut, a stone spear, arrows, scrapers, an awl, a chisel, and a stone mortar; and from Texas, a stone chisel, a spearhead, arrowheads, and a scraper.

On the second shelf are relics from Virginia, ceremonial stones, a stone pipe, arrows, spears, scrapers, awls, "crooks," a plummet, pendants, gorgets, axes, a celt, hatchets, cones, hammers, and knives; a copper pendant; and tubular beads. From West Virginia this shelf has stone axes, a spindle whorl, spears, arrows, awls, and scrapers.

The third shelf has, from Florida, fine shell cups, hoes, sinkers, breast-plates, etc.; stone spears, arrows, and scrapers; and a pottery bowl and a vase. This shelf also displays,

from Louisiana, a stone spear and arrows; from Alabama, stone spears, arrows, and a scraper; from Mississippi, stone spears, arrows, scrapers, and knives, mostly made of yellow jasper; from Maryland, stone spears and arrows; and from Kansas, stone knives and arrowheads, an iron arrowhead, and a bead necklace (of white man's make).

FOREIGN RELICS.

In the southeast corner of this Museum, a single case, designated as Case 1, contains articles from other countries.

The top shelf displays relics from Mexico, comprising pottery idols, and other images of human beings and of beasts; pottery bowls, pitchers, jugs, vases, etc.; a pottery rattle, in the form of a grotesque human image; faces (masks) of stone, including jade, obsidian, etc.; and a wooden image of San Francisco (St. Francis) from an ancient temple.

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Mexican relics continue on the second shelf, being stone spears and arrowheads, mostly of obsidian; stone celts; pipes, obsidian knives; a pottery tablet, containing the signs of the zodiac, the sun and the stream of life; a silver image of the hawk god, a man with a hawk's head, found in an ancient Mexican temple, similar to images found in ancient ruins in Egypt. It is an interesting question to account for an apparent Egyptian idol in an old Mexican temple.

The following articles are also on this second shelf: from Peru, a stone clubhead, and pottery images; from Yucatan, pottery; from Chiriqui (Colombia), pottery; Chili, arrow heads; the Hawaiian Islands, stone celts, and a shell bracelet; the Philippine Islands, native cotton; the Fiji Islands, combs of wood, and wooden spear-points; Siam, a part of the Bible, in Siamese language, scratched upon sections of palm leaves, and tied together, very old; Japan, an opium pipe and box, of lead and copper, stone celts, and many tiny arrow heads, said to have been made and used by the Koropohlke race, now extinct, and hence thousands of years old; the South Sea Islands, a large knife of palm

wood, a fiber bag, a necklace and belt of fruit seeds, a collar of fine shells, wampum of black and white pieces of shell, an engraved shell, and shell ornaments; Tasmania, shell bracelets, stone knives, and some oriental dice, or dominoes; Papua or New Guinea, a very large polished stone celt, jade axes, stone celts and spearheads; and from New Zealand, stone celts, a king's mace (patu-patu), as badge of office, a very rare and valuable relic, and a stone pestle.

On the third shelf in the descending order are, from Bulgaria, an ancient copper pickaxe, perforated for a handle; from Germany, stone celts, chisels, etc., copper celts, ancient pottery spindle-whorls, a bronze mirror, in pieces, a pottery hand from a large image (supposed to be Roman), and bones; and from Sweden, very fine flint daggers, spearheads, celts, chisels, gouges, etc.

From Denmark, on this third shelf, are a very fine display of the choicest prehistoric stone weapons, some very large celts, some chipped, and some chipped and polished; flint knives, a dagger, etc.; stone axes, some perforated for handles; a pottery spindle-whorl; a copper hatchet, and a copper sickle.

On the fourth shelf in the same downward order are, from Canada, a slate spade, pendants, gorgets, ceremonial stones, etc.; stone knives, spears, sinkers, arrowheads, pipes, etc.; a bone gouge; and 318 copper celts, spearheads, arrowheads, knives, and beads. From British America, are bone fish-hooks, and a slate knife, in its original wooden handle, bound with strips of skin; and from British Columbia, a stone pipe.

From the Old World, on this shelf, are the following: Ancient Tyre, four copper bracelets of twisted wire; Rome, a clay lamp, and a bracelet of clear amber beads (twenty-three), with a bronze pendant attached; Herculaneum, an engraved ivory tusk; Etruria, an ancient Etruscan bronze double-headed ram; Venice, a pair of copper bracelets; Africa, a bone spoon, ornamented; Egypt, three images of Osiris, one of porcelain, and two of bronze, very ancient; also copper ornaments, pottery tiles, a fine jasper chisel, scarabs (beetles),

some of stone, and some of porcelain, and a paint box; Judea, an ancient Jewish tearbottle of glass; Persia, an ancient bronze signet, or seal; France, some fine paleoliths, including a large stone axe and several fine flint knives, of great age, and a copper axe.

On the bottom of this case are, from England, a stone axe, a celt, and a spearhead; from Switzerland, stone celts, one in the original deer-horn handle, and taken from the bottom of a lake, once inhabited by ancient "lake dwellers," also stone spindle-whorls, a hammer, etc., a long necklace of large amber beads, from the Tyrol, used in the fifteenth century, and a bone chisel; and from Ireland, fine stone celts, spearheads, arrowheads, knives, etc.

Here also are exhibited about four hundred ancient coins (copper, silver, and bronze), Roman, Greek, Greco-Roman, Byzantine, etc., from 1,000 to 2,000 years old, mostly identified and named.